Enhanced **Multimedia**

Multimedia Bar with
Feather-Touch Buttons

Resolution+
Technology

NVIDIA® GeForce®
GPU with Optimus™
Technology

HDMI-CEC
(REGZA Link)

Toshiba Media Controller

TOSHIBA
Leading Innovation

Reign *Supreme*

Premier Series

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***Satellite* M645**

DESIGNED BY **TECHNOLOGY**
designedbytechnology.com

25 Years of Notebook Innovations Quality

Specifications

Windows®. Life without Walls™
Toshiba recommends Windows 7.

Model No	Satellite M645
CPU Technology	Intel® Core™ i3-370M Processor (2.4GHz, 3MB L3 Cache) Intel® Core™ i5-460M Processor 2.53GHz with Turbo Boost Technology Up to 2.8GHz (2.53GHz, 3MB L3 Cache) Intel® Core™ i5-560M Processor 2.66GHz with Turbo Boost Technology Up to 3.2GHz (2.66GHz, 3MB L3 Cache)
Operating System	Genuine Windows® 7 Home Premium 32-bit Genuine Windows® 7 Home Premium 64-bit
Chipset	Mobile Intel® HM55 Express Chipset
System Memory	2048MB DDR3 1066MHz SDRAM Expandable to 8192MB 4096MB DDR3 1066MHz SDRAM Expandable to 8192MB
Display	14.0" WXGA HD Clear SuperView LED Backlight TFT Display (16:9), Resolution 1,366 x 768
Graphics	NVIDIA® GeForce® GT330M Up to 1786MB Total Available Graphics (ext 1GB VRAM)
Hard Disk	500GB (SATA) with Shock Absorbers 640GB (SATA) with Shock Absorbers
Optical Disk Drive	Slot DVD SuperMulti Double Layer Drive with LabelFlash™ Technology
Pointing Device	TouchPad with Gesture Support
Communications	Bluetooth V2.1 w/ Enhanced Data Rate, Integrated 802.11bgn, 10/100/1000 Mbps Ethernet LAN
Built-in Camera	Built-in Web Camera with SmartFace™ Technology
Sound System	Harman Kardon® Stereo Speakers, Dolby® Advanced Audio, 16-bit Stereo with Intel® High Definition Audio Support
Interfaces	2 x USB 2.0, 1 x USB/e-SATA Combo Port (Sleep-and-Charge), RGB, HDMI, External Mic (Stereo), External Headphone (Stereo), Ambient Light Sensor, LED Backlit Keyboard, 5-in-1 Card Reader (Supports SD™ Card, Memory Stick®, Memory Stick Pro™, Multimedia Card™, xD-Picture Card™), Express Card Slot
Battery Type	6-Cell Lithium Ion
AC Adapter	75W Universal AC Adaptor, 3 pin AC cable
Security and Protection	HDD Protection (3D Motion Sensor), Toshiba PC Diagnostic Tool, Fingerprint Reader (Single Sign on), Cable Lock, Main Battery Pack (Sliding Lock), HDD and Memory (by Screw only), User Power on Password, Supervisor Password, Screen Blank (by Hotkey), Screen Saver (by Software)
Physical Dimensions	339 x 229 x 28.50/35.25mm
Weight	Starting from 2.46kg
Color Variation	Metallic Premier Black
Warranty	1-year Carry-in International Limited Warranty (Parts & Labor), 1-year Battery (Carry-in)
Bundled Software	Microsoft® Office Professional 60-days Trial Version, Norton Internet Security™ (60 Days Trial), Microsoft® Windows Live (Windows Live Mail, Windows Live Messenger, Windows Live Photo Gallery, Windows Live Writer), Toshiba ConfigFree™ Connectivity Doctor, Toshiba Face Recognition, Toshiba ECO Utility, Toshiba Bulletin Board, Toshiba ReelTime, Toshiba Password Utility, Toshiba Zooming Utility, Toshiba Power Saver Utility, Toshiba Assist, Toshiba DVD Player, DVD MovieFactory® for Toshiba, Adobe Reader, Toshiba Speech System, Toshiba Camera Assistant Software, Toshiba Disc Creator, Toshiba Flash Cards, Toshiba SD Memory Utility, HDD Recovery

CPU performance may vary from specifications under certain conditions such as the use of battery instead of AC power, certain external peripherals, certain multimedia applications or network connections, complex modeling software and in areas with low air pressure at high altitude (1,000 metres above sea level) and/or certain temperatures. CPU performance may also vary from specifications due to design configuration. Under some conditions, your computer may automatically shut down as a normal protective measure. To avoid risk of lost data, please make periodic back-up copies. For optimum performance, use your computer only under recommended conditions. Please read detailed restrictions in the product resource guide, visit the Toshiba web site: http://pc.toshiba-asia.com and/or contact Toshiba Technical Support. Graphics processor unit (GPU) performance may vary depending on product model, design configuration, applications, power management settings and features utilized. Part of the main system memory may be used by the graphics system and therefore reduce the amount of main system memory available. For PCs configured with 4 GB of system memory, the full system memory space for computing activities will be considerably less and will vary by model and system configuration. One GB means one billion bytes, accessible capacity may be less. Wired and wireless communication capabilities to be applied in countries where approved. Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see your accessories information that shipped with your computer or visit the Toshiba website http://pc.toshiba-asia.com Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected. Please check your system specifications to ensure optimal results. Certain notebook chassis are designed to accommodate all possible configurations for an entire product series. Your selected model may not have all the features and specifications corresponding to all of the icons or switches shown on the notebook chassis.

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Premier Series

Satellite M645

For sophisticated entertainment performance, the Toshiba Satellite M645 is matchless. Complimenting the superb colour contrast, functional blend of texture and glossy surface, this Premier Satellite is built with outstanding Harman Kardon® speakers with Dolby® Advanced Audio™ that brings you closer to true entertainment.

Ambient Light Sensor
Your viewing comfort is constantly assured with screen brightness auto-adjusted to surrounding light conditions
Harmon Kardon® Stereo Speakers
Your ears are in for an unprecedented treat with the premium quality speakers complimented with Dolby® Advanced Audio Support
Illuminated Tiled Keyboard
Experience uncompromising typing comfort (even in the dark!) with raised key tiles and gorgeous backlighting
Textured Palmrest
No more fingerprint smudges
Metallic Premier Black
Wider Touchpad with Multi-Touch Control
Swipe, rotate, push, scroll or zoom in on the screen with a simple brush of your fingers
*Depending on Configurations.
Slot Loading DVD SuperMulti Drive
Forget pop-out drive trays. This is the slim and elegant DVD drive your Notebook PC deserves
TOSHIBA

Easy, Convenient & Secure

Toshiba SmartFace™
Leave passwords behind. Log on to the correct user account every time using Toshiba's face recognition technology

HDD Shock Protection with 3D Motion Sensor
Protect your data from shocks and vibration with the revolutionary 3D motion sensor technology

Fingerprint Security Suite
Forget passwords. Single swipe logins get your notebook up and running, hassle-free and instantly

Sleep-and-Music
Enjoy music from an MP3 player through Harman Kardon® notebook speakers, even when the notebook is turned off

Toshiba Bulletin Board & ReelTime™
Helps you manage daily activities and track frequently-used files, using simple yet beautiful interfaces

PC Health Monitor
Enjoy peace of mind with this innovation that detects issues before they cause problems on your system

Power-Saving Eco Utility
Enjoy longer battery life while helping to conserve our environment, all with just a single mouse click

Toshiba ConfigFree®
Seamless connectivity with a simple drag-and-drop interface that tracks your favorite wired and wireless connections

Achieve Greater Performance with Toshiba Accessories

Toshiba Must-Have Gadgets
Achieve Greater Performance with Original Toshiba Accessories

Enjoy Peace of Mind
When you make an early investment with SelectServ Warranty Programs

Power with Confidence
With an extra Toshiba AC Adapter or standard/hi-cap battery

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